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1. Document ID: US 6334176 B1

L2: Entry 1 of 30

File: USPT

Dec 25, 2001

US-PAT-NO: 6334176

DOCUMENT-IDENTIFIER: US 6334176 B1

TITLE: Method and apparatus for generating an alignment control vector

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc Image											

2. Document ID: US 6266758 B1

L2: Entry 2 of 30

File: USPT

Jul 24, 2001

US-PAT-NO: 6266758

DOCUMENT-IDENTIFIER: US 6266758 B1

TITLE: Alignment and ordering of vector elements for single instruction multiple data processing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc Image											

3. Document ID: US 6223320 B1

L2: Entry 3 of 30

File: USPT

Apr 24, 2001

US-PAT-NO: 6223320

DOCUMENT-IDENTIFIER: US 6223320 B1

TITLE: Efficient CRC generation utilizing parallel table lookup operations

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc Image											

4. Document ID: US 6085275 A

L2: Entry 4 of 30

File: USPT

Jul 4, 2000

US-PAT-NO: 6085275
DOCUMENT-IDENTIFIER: US 6085275 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Drawn Desc Image											

5. Document ID: US 5996057 A

L2: Entry 5 of 30

File: USPT

Nov 30, 1999

US-PAT-NO: 5996057
DOCUMENT-IDENTIFIER: US 5996057 A

TITLE: Data processing system and method of permutation with replication within a vector register file

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Drawn Desc Image											

6. Document ID: US 5961628 A

L2: Entry 6 of 30

File: USPT

Oct 5, 1999

US-PAT-NO: 5961628
DOCUMENT-IDENTIFIER: US 5961628 A

TITLE: Load and store unit for a vector processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Drawn Desc Image											

7. Document ID: US 5933650 A

L2: Entry 7 of 30

File: USPT

Aug 3, 1999

US-PAT-NO: 5933650
DOCUMENT-IDENTIFIER: US 5933650 A

TITLE: Alignment and ordering of vector elements for single instruction multiple data processing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Drawn Desc Image										

8. Document ID: US 5922066 A

L2: Entry 8 of 30

File: USPT

Jul 13, 1999

US-PAT-NO: 5922066
DOCUMENT-IDENTIFIER: US 5922066 A

TITLE: Multifunction data aligner in wide data width processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KOMC

9. Document ID: US 5887183 A

L2: Entry 9 of 30

File: USPT

Mar 23, 1999

US-PAT-NO: 5887183

DOCUMENT-IDENTIFIER: US 5887183 A

TITLE: Method and system in a data processing system for loading and storing vectors in a plurality of modes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KOMC

10. Document ID: US 5881307 A

L2: Entry 10 of 30

File: USPT

Mar 9, 1999

US-PAT-NO: 5881307

DOCUMENT-IDENTIFIER: US 5881307 A

TITLE: Deferred store data read with simple anti-dependency pipeline inter-lock control in superscalar processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KOMC

11. Document ID: US 5812147 A

L2: Entry 11 of 30

File: USPT

Sep 22, 1998

US-PAT-NO: 5812147

DOCUMENT-IDENTIFIER: US 5812147 A

TITLE: Instruction methods for performing data formatting while moving data between memory and a vector register file

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KOMC

12. Document ID: US 5805874 A

L2: Entry 12 of 30

File: USPT

Sep 8, 1998

US-PAT-NO: 5805874

DOCUMENT-IDENTIFIER: US 5805874 A

TITLE: Method and apparatus for performing a vector skip instruction in a data

processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

13. Document ID: US 5758176 A

L2: Entry 13 of 30

File: USPT

May 26, 1998

US-PAT-NO: 5758176

DOCUMENT-IDENTIFIER: US 5758176 A

TITLE: Method and system for providing a single-instruction, multiple-data execution unit for performing single-instruction, multiple-data operations within a superscalar data processing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

14. Document ID: US 5754805 A

L2: Entry 14 of 30

File: USPT

May 19, 1998

US-PAT-NO: 5754805

DOCUMENT-IDENTIFIER: US 5754805 A

TITLE: Instruction in a data processing system utilizing extension bits and method therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

15. Document ID: US 5752074 A

L2: Entry 15 of 30

File: USPT

May 12, 1998

US-PAT-NO: 5752074

DOCUMENT-IDENTIFIER: US 5752074 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

16. Document ID: US 5742786 A

L2: Entry 16 of 30

File: USPT

Apr 21, 1998

US-PAT-NO: 5742786

DOCUMENT-IDENTIFIER: US 5742786 A

TITLE: Method and apparatus for storing vector data in multiple non-consecutive locations in a data processor using a mask value

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

17. Document ID: US 5737586 A

L2: Entry 17 of 30

File: USPT

Apr 7, 1998

US-PAT-NO: 5737586

DOCUMENT-IDENTIFIER: US 5737586 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

18. Document ID: US 5734879 A

L2: Entry 18 of 30

File: USPT

Mar 31, 1998

US-PAT-NO: 5734879

DOCUMENT-IDENTIFIER: US 5734879 A

TITLE: Saturation instruction in a data processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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19. Document ID: US 5717947 A

L2: Entry 19 of 30

File: USPT

Feb 10, 1998

US-PAT-NO: 5717947

DOCUMENT-IDENTIFIER: US 5717947 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

20. Document ID: US 5706488 A

L2: Entry 20 of 30

File: USPT

Jan 6, 1998

US-PAT-NO: 5706488

DOCUMENT-IDENTIFIER: US 5706488 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

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ALIGN\$5	0
ALIGN.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	216935
ALIGNA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	4
ALIGNABAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABEL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
ALIGNABIE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13449
ALIGNABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	250
ALIGNABS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNACE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L1 AND ALIGN\$5 NEAR5 VECTOR\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	30

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21. Document ID: US 5664134 A

L2: Entry 21 of 30

File: USPT

Sep 2, 1997

US-PAT-NO: 5664134

DOCUMENT-IDENTIFIER: US 5664134 A

TITLE: Data processor for performing a comparison instruction using selective enablement and wired boolean logic

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc Image										

22. Document ID: US 5600846 A

L2: Entry 22 of 30

File: USPT

Feb 4, 1997

US-PAT-NO: 5600846

DOCUMENT-IDENTIFIER: US 5600846 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc Image										

23. Document ID: US 5598571 A

L2: Entry 23 of 30

File: USPT

Jan 28, 1997

US-PAT-NO: 5598571

DOCUMENT-IDENTIFIER: US 5598571 A

TITLE: Data processor for conditionally modifying extension bits in response to data processing instruction execution

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc Image										

24. Document ID: US 5572689 A

L2: Entry 24 of 30

File: USPT

Nov 5, 1996

US-PAT-NO: 5572689

DOCUMENT-IDENTIFIER: US 5572689 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KM/C

25. Document ID: US 5559973 A

L2: Entry 25 of 30

File: USPT

Sep 24, 1996

US-PAT-NO: 5559973

DOCUMENT-IDENTIFIER: US 5559973 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KM/C

26. Document ID: US 5548768 A

L2: Entry 26 of 30

File: USPT

Aug 20, 1996

US-PAT-NO: 5548768

DOCUMENT-IDENTIFIER: US 5548768 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KM/C

27. Document ID: US 5537562 A

L2: Entry 27 of 30

File: USPT

Jul 16, 1996

US-PAT-NO: 5537562

DOCUMENT-IDENTIFIER: US 5537562 A

TITLE: Data processing system and method thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image									KM/C

28. Document ID: US 5513366 A

L2: Entry 28 of 30

File: USPT

Apr 30, 1996

US-PAT-NO: 5513366

DOCUMENT-IDENTIFIER: US 5513366 A

TITLE: Method and system for dynamically reconfiguring a register file in a vector processor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

29. Document ID: US 6266758 B1

L2: Entry 29 of 30

File: DWPI

Jul 24, 2001

DERWENT-ACC-NO: 2001-615271

DERWENT-WEEK: 200171

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TITLE: Aligning and ordering of vector components for single instruction multiple data processing, involves replicating extracted width vector into third register with components aligned for SIMD processing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Clip Img	Image							

KWC

30. Document ID: US 5933650 A

L2: Entry 30 of 30

File: DWPI

Aug 3, 1999

DERWENT-ACC-NO: 1999-443746

DERWENT-WEEK: 200172

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TITLE: Aligned vector element generating method for single instruction multiple data processing in computer system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWC

Term	Documents
ALIGN\$5	0
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ALIGNABAL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
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ALIGNABIE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13449
ALIGNABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	250
ALIGNABS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
(L1 AND ALIGN\$5 NEAR5 VECTOR\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	30

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ALIGNABE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABEL.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
ALIGNABIE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	13449
ALIGNABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	250
ALIGNABS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
ALIGNACE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
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(L1 AND ALIGN\$5 NEAR5 VECTOR\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	30

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<u>L1</u>	simd and load\$3 near5 vector\$	173	<u>L1</u>

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Results:Journal or Magazine = **JNL** Conference = **CNF** Standard = **STD****1 Comparison of dielectric properties determined from a computational approach and experiment for anisotropic and periodic heterostructure***Beroual, A.; Brosseau, C.*

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical IEEE Transactions on], Volume: 8 Issue: 6 , Dec. 2001

Page(s): 921 -929

[\[Abstract\]](#) [\[PDF Full-Text \(817 KB\)\]](#) **JNL****2 Size dependence of the magnetization vector reversal processes in e Fe[001] microstripes***Ahmad, E.; Bland, J.A.C.; Gu, E.*

Magnetics, IEEE Transactions on , Volume: 34 Issue: 4 Part: 1 , July 1998

Page(s): 1099 -1101

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **JNL****3 A 25 k-gate BDCFL G/A with a differential push-pull ECL I/O***Kaneko, Y.; Shimizu, H.; Nagata, K.; Koyanagi, M.; Okamoto, M.; Suzuki, M.; Yokokawa, S.; Shimizu, S.; Maejima, T.; Wada, J.; Kawada, H.; Ueno, S.; Min M.; Yaegashi, I.*

Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 1993. Technical D 1993., 15th Annual , Oct. 1993

Page(s): 141 -144

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) **CNF****4 Auroral optical observations of plasma processes***Murphree, J.S.*

Plasma Science, 1990: IEEE Conference Record - Abstracts., 1990 IEEE Intern Conference on , 1990
Page(s): 88

[\[Abstract\]](#) [\[PDF Full-Text \(96 KB\)\]](#) **CNF**

5 Shape based classification of left ventricles by spectral analysis of the geometrical cardiograms

Azhari, H.; Beyar, R.; Marcus, M.L.; Sideman, S.

Computers in Cardiology 1989, Proceedings. , 1990

Page(s): 87 -89

[\[Abstract\]](#) [\[PDF Full-Text \(172 KB\)\]](#) **CNF**

6 Fast Fourier transforms for k-space computation

Chou, F.-M.L.

Antennas and Propagation Society International Symposium, 1988. AP-S. Dig

Page(s): 88 -91 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(124 KB\)\]](#) **CNF**

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